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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10577340
Filing Date	2006-04-28
First Named Inventor	Michael A. Wood
Art Unit	1621
Examiner Name	
Attorney Docket Number	KPT 1100

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	3853922		1974-12-10	Yamaguchi et al.	
	2	3957827		1976-05-18	Lyons	
	3	4301077		1981-11-17	Pesa et al.	
	4	4485245		1984-11-27	Hsu et al.	
	5	4810807		1989-03-07	Budge et al.	
	6	4827001		1989-05-02	Attig et al.	
	7	4892955		1990-01-09	Wada et al.	
	8	4931573		1990-06-05	Wada et al.	

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	9	4940804		1990-07-10	Böhlendorf et al.	
	10	4965378		1990-10-23	Budge et al.	
	11	4973713		1990-11-27	Manogue	
	12	5021589		1991-06-04	Wada et al.	
	13	5037996		1991-08-06	Suzuki et al.	
	14	5047561		1991-09-10	Miyazawa et al.	
	15	5055599		1991-10-08	Budge	
	16	5072009		1991-12-10	Budge et al.	
	17	5077442		1991-12-31	Hara et al.	
	18	5079372		1992-01-07	Wada et al.	
	19	5099038		1992-03-24	Suzuki et al.	

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	20	5196602		1993-03-23	Budge et al.	
	21	5426246		1995-06-20	Nagahara et al.	
	22	5473086		1995-12-05	Budge et al.	
	23	5478952		1995-12-26	Schwartz	
	24	5502217		1996-03-26	Fuchikami et al.	
	25	5580991		1996-12-03	Sugiyama et al.	
	26	5698749		1997-12-16	Pedersen et al.	
	27	5902916		1999-05-11	Rühl et al.	
	28	5936126		1999-08-10	Rühl et al.	
	29	5969164		1999-10-19	Budge et al.	
	30	5969194		1999-10-19	Hara et al.	

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	31	5985789		1999-11-16	Tooley et al.	
	32	6008384		1999-12-28	Bockrath et al.	
	33	6077964		2000-06-20	Tuck et al.	
	34	6100410		2000-08-08	Tuck et al.	
	35	6204395	B1	2001-03-20	Tuck et al.	
	36	6215030	B1	2001-04-10	Morikawa et al.	
	37	6239292	B1	2001-05-29	Tuck et al.	
	38	6350924	B1	2002-02-26	Fischer et al.	
	39	6433192	B1	2002-08-13	Fischer et al.	
	40	6433193	B1	2002-08-13	Bertola et al.	
	41	4377715		1983-03-22	Nychka et al.	

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	42	4480115		1984-10-30	McGinnis	
	43	4940805		1990-07-10	Fischer et al.	
	44	6274743	B1	2001-08-14	Tuck et al.	
	45	6288245	B1	2001-09-11	Bertola	
	46	6620949	B1	2003-09-16	Sutton et al.	
	47	6831182	B2	2004-12-14	Borchert et al.	
	48	6888011	B2	2005-05-03	Borchert et al.	
	49	6706932	B1	2004-03-16	Konishi et al.	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20040029728	A1	2004-02-12	Borchert et al.	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	1286139	CN	A	2001-03-07	Mobile Oil Corporation		<input type="checkbox"/>
	2	1077080	EP	A1	2001-02-21	The Standard Oil Company		<input type="checkbox"/>
	3	02121976	JP	A	1990-05-09	Mitsubishi Kasei Corp		<input type="checkbox"/>
	4	02200648	JP	A	1990-08-08	Mitsubishi Kasei Corp		<input type="checkbox"/>
	5	02200680	JP	A	2007-01-19	Mitsubishi Kasei Corp		<input type="checkbox"/>
	6	02207081	JP	A	1990-08-16	Mitsubishi Kasei Corp		<input type="checkbox"/>
	7	02233674	JP	A	1990-09-17	Mitsubishi Kasei Corp		<input type="checkbox"/>
	8	02235880	JP	A	1990-09-18	Mitsubishi Kasei Corp		<input type="checkbox"/>
	9	03074377	JP	A	1991-03-28	Mitsubishi Kasei Corp		<input type="checkbox"/>

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	10	03083974	JP	A	1991-04-09	Mitsubishi Kasei Corp		<input type="checkbox"/>
	11	03112973	JP	A	1991-05-14	Mitsubishi Kasei Corp		<input type="checkbox"/>
	12	04217636	JP	A	1992-08-07	Mitsubishi Kasei Corp		<input type="checkbox"/>
	13	06107654	JP	A	1994-04-19	Tosoh Corp.		<input checked="" type="checkbox"/>
	14	06172338	JP	A	1994-06-21	Tosoh Corp.		<input checked="" type="checkbox"/>
	15	07033756	JP	A	1995-02-03	Tosoh Corp.		<input checked="" type="checkbox"/>
	16	07082260	JP	A	1995-03-28	Tosoh Corp.		<input checked="" type="checkbox"/>
	17	9202298	WO	A1	1992-02-20	E.I. Du Pont De Nemours Company		<input type="checkbox"/>
	18	0134543	WO	A1	2001-05-17	Asahi Chemical Ind.		<input type="checkbox"/>
	19	0247815	WO	A1	2002-06-20	BASF AG		<input type="checkbox"/>
	20	0247818	WO	A1	2002-06-20	BASF AG		<input type="checkbox"/>

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21	0248129	WO	A1	2002-06-20	BASF AG		<input type="checkbox"/>
22	03093208	WO	A1	2003-11-13	Davy Process Technology Limited		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	GREY, Roger A., et al., "Anionic Metal Hydride Catalysts. 2. Application to the Hydrogenation of Ketones, Aldehydes, Carboxylic Acid Esters, and Nitriles", J. Am. Chem. Soc., 1981, p. 7536-7542, Vol. 103, No. 25	<input type="checkbox"/>
	2	HARA, Yoshinori, et al., "Hydrogenation Reaction of Carboxylic Anhydrides Catalyzed by a New and Highly Active Cationic Ruthenium Complex", Chemical Letters, 1991, p. 553-554	<input type="checkbox"/>
	3	INAGAKI, Hiroko, et al., "Hydrogenation Reaction of Carbonyl Compounds Catalyzed by Cationic Ruthenium Complexes", Science and Technology in Catalysis, 1994, p. 327-330	<input type="checkbox"/>
	4	International Search Report, PCT/GB2004/004397, dated January 19, 2005, 2 pages	<input type="checkbox"/>
	5	MATTEOLI, Ugo, et al., "Homogeneous Catalytic Hydrogenation of the Esters of Bicarboxylic Acids Part III. Ethylene Glycol from Dimethyl Oxalate", Journal of Molecular Catalysis, 1988, p. 347-355, Vol. 44	<input type="checkbox"/>
	6	MATTEOLI, Ugo, et al., "Structure and Catalytic Activity of Phosphine-Substituted Ruthenium Carbonyl Carboxylates", Journal of Organometallic Chemistry, 1995, p. 177-186, Vol. 498	<input type="checkbox"/>
	7	TEUNISSEN, Herman T., et al., "Homogeneous Ruthenium Catalyzed Hydrogenation of Esters to Alcohols", Chem. Commun., 1998, p. 1367-1368	<input type="checkbox"/>

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8	TEUNISSEN, Herman T., et al., "Ruthenium Catalysed Hydrogenation of Dimethyl Oxalate to Ethylene Glycol", Chem. Commun., 1997, p. 667-668 and p. 1151	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

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OR

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☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Michael J. Vander Molen/	Date (YYYY-MM-DD)	2007-07-10
Name/Print	Michael J. Vander Molen	Registration Number	57274

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